PMG for Accidental Hypothermia

Prehospital: found down, cold and hemodynamically unstable (bradycardic/hypotensive/arrest)

Hospital Transport

ED Core temperature ≤ 30°C

no

Core Temp 35°C to 32°C

Passive External Rewarming

Remove cold/wet clothing
Warm blanket coverings
Ambient temperature to 28°C

yes

Core Temp 32°C to 30.1°C

Active External Rewarming

Heating pad/Radiant Heat
Bair Hugger
Rewarm trunk preferentially
*Avoid Intubation/NGT/CVC

Bradycardia/Hypotension

Active Internal Rewarming

Warm IVF (42°C)
Alsius Catheter Placement
(left common femoral vein)
*Avoid Intubation/NGT/CVC

yes

Cardiac Arrest & ≤ 32°C

Trauma Activation

VA-ECMO

Criteria for Death Pronouncement:
• Rewarmed to a core temperature greater than 32°C without a return of spontaneous circulation
• Serum K+ > 10 mmol/L
• Arterial pH < 6.5
• Core temperature < 13°C
• Visualized intravascular thrombosis
• Obvious non-survivable trauma

*x27455 ECLS Specialist
OR Transport
*Do not perform procedures in ED, expedite transfer to OR